

CLAIMS

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1. Arrangement for a leg prosthesis (10) provided with a foot (12), which is connected to the leg prosthesis via an articulated axle (11), whereby first means (13, 14, 16-18, 30-33, 38) are arranged to provide a limited rotation of the foot relative the leg prosthesis from an initial position, in which position the leg prosthesis and the foot have a fixed angle relative each other, and second means (16-26) are arranged to provide a step-less adjustment of the angle between the leg prosthesis and the foot in the initial position,
characterized in,

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that the first means (13, 14, 16-18, 30-33, 38) comprise a resilient element (14), which first end thereof is connected to the foot (12) via an elongated element (13) and which second end is connected to the leg prosthesis so that the leg prosthesis can be rotated relative the foot against the effect of the spring force of the resilient element.

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2. Arrangement according to claim 1,

characterized in,

that the second means (16-26) comprise an element (17), which is displacable relative the leg prosthesis (10), and means (18, 21) to hold the displacable element in a desired displacement position, whereby the displacable element, set in its initial position, in one end bears on a portion (38) of the foot (12) and in its second end on the resilient element (14).

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3. Arrangement according to claim 2,

characterized in,

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that the displacable means comprise a piston (17) with outwardly directed ring flanges, which piston is displacably arranged in a cylinder (16) attached to the leg prosthesis (10), and the means for holding the piston in desired displacement position relative the cylinder comprise a ring wall (18) projecting inwards from the cylinder, which wall divides the

space between the ring flanges of the piston in two chambers, and a two-way valve (21), which in opened position provides flow of the medium existing in the chambers between these and in closed position prevents such flow.

5 4. Arrangement according to claim 3,

characterized in,

that the elongated element (13) extends through a central axial channel (29) in the piston (17) and through a central axial passage in the resilient element and is connected, via a washer (33) of rigid material, to that end of the resilient element (14), which is opposite 10 the end which bears on the piston.

5. Arrangement according to any of the preceding claims,

characterized in,

that the elongated element is constituted by flexible material.

6. Arrangement according to claim 5,

characterized in,

that the elongated element (13) is constituted by a cord or wire or of a belt of a material with little extensibility.